

What is claimed is:

1. A vehicle side-door structure comprising:

a front door, pivotally attached on a hinge at a front part thereof to a vehicle body so that the front door is opened and closed;

a rear door, pivotally attached on a hinge at a rear part thereof to the vehicle body so that the rear door is opened and closed, and said front and rear doors together cover a continuous opening with no partition in a side part of a vehicle so that the opening is opened and closed; and

a front-door rear reinforcement, disposed at a rear end part of the front door and extending substantially in a vertical direction along the rear end part of the front door.

2. The vehicle side-door structure according to claim 1, wherein said front-door rear reinforcement includes an extending-out portion at an upper-end part thereof, said extending-out portion extending continuously into a sash portion.

3. The vehicle side-door structure according to claim 1, wherein said front-door rear reinforcement includes an extending portion at a lower-end part thereof, said extending portion extending along a front-&-rear side of the front

door.

4. The vehicle side-door structure according to claim 1, wherein a catcher pin protruding convexly on a vehicle-body side is provided at a lower part of said front-door rear reinforcement; and said catcher pin is inserted into a concave catcher-pin receiving portion provided in a position corresponding to the vehicle-body side when the front door is closed.

5. The vehicle side-door structure according to claim 4, wherein said catcher pin is disposed in said extending portion of the front-door rear reinforcement.

6. The vehicle side-door structure according to claim 1, wherein an impact bar is provided which extends in the longitudinal direction of the vehicle, and a rear-end part of said impact bar overlaps with said front-door rear reinforcement.

7. The vehicle side-door structure according to claim 6, wherein a plurality of said impact bars are provided which are placed apart in the vertical directions.

8. The vehicle side-door structure according to claim 1, wherein said front-door rear reinforcement is disposed

to overlap with a frontal vertical-side part of the rear door when the front door and the rear door are closed.

9. The vehicle side-door structure according to claim 6, wherein a vertical reinforcement is provided, extending along the vertical direction in the frontal vertical-side part of the rear door.

10. The vehicle side-door structure according to claim 1, wherein:

a first locking mechanism is provided in both upper and lower parts of the rear door, and said first locking mechanism is hooked to and unhooked from the vehicle body; and

a second locking mechanism is provided in a front part of the rear door, and said second locking mechanism is hooked to and unhooked from a front-door rear part.